

Title (en)

Digital switching network for switching signals of different bit rates.

Title (de)

Digitales Koppelnetz zum Vermitteln von Signalen mit verschiedenen Bitraten.

Title (fr)

Réseau de commutation numérique pour commuter des signaux à vitesses différentes.

Publication

EP 0155025 A1 19850918 (EN)

Application

EP 85200169 A 19850212

Priority

NL 8400588 A 19840224

Abstract (en)

© Digital switching network for switching through substrate channels. The multiplexed subscriber's channels contain eight-bit words, each bit of which can form part of another signal. The number of bits in each word for a single signal is determined by the original rate of the signal. Each of the signals must have the possibility of being switched through to another destination. For that purpose it may be necessary to change the position of bits within a frame. Hence a separate time (6) and space step (4) has been arranged between the input time step (2) and the switching matrix (8). After that the switching matrix switches through eight-bit words. The positions of bits within a word can be exchanged in an additional space step (10) between the switching matrix (8) and the output time step (12) in order to make it possible to fill the outgoing frames as completely as possible.

IPC 1-7

H04Q 11/04; **H04L 11/00**

IPC 8 full level

H04Q 3/52 (2006.01); **H04L 12/52** (2006.01); **H04Q 11/04** (2006.01); **H04Q 11/06** (2006.01)

CPC (source: EP US)

H04L 12/525 (2013.01 - EP US); **H04Q 11/06** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU SE

DOCDB simple family (publication)

EP 0155025 A1 19850918; **EP 0155025 B1 19881102**; AT E38458 T1 19881115; CA 1238402 A 19880621; DE 155025 T1 19851219; DE 3566069 D1 19881208; JP H0632525 B2 19940427; JP S60210048 A 19851022; NL 189591 B 19921216; NL 189591 C 19930517; NL 8400588 A 19850916; US 4718058 A 19880105

DOCDB simple family (application)

EP 85200169 A 19850212; AT 85200169 T 19850212; CA 474922 A 19850222; DE 3566069 T 19850212; DE 85200169 T 19850212; JP 3469385 A 19850225; NL 8400588 A 19840224; US 70212285 A 19850215